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प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

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नई दिल्ली, शनिवार, अक्टूबर २०, १९७३ (आश्विन २८, १९९५)

No. 42]

NEW DELHI, SATURDAY, OCTOBER 20, 1973 (ASHWINA 28, 1895)

भाग III—खण्ड २

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 20th October 1973

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

27th September 1973

- 2187/Cal/73. Uss Engineers and Consultants, Inc., Composite roll and method of forming the same.
- 2188/Cal/73. Universal Oil Products Company. Hydrocarbon isomerization catalyst and method of preparation and use thereof.
- 2189/Cal/73. Österreichisch-Amerikanische Magnesit Aktiengesellschaft. Mill particularly tube mill or ball mill.
- 2190/Cal/73. Associated Lead Manufacturers Limited. Improvements in stabilizers for synthetic resins.
- 2191/Cal/73. Bureau Bbr Ltd. Apparatus for anchoring wires or stranded wires.
- 2192/Cal/73. T. Ahmed, S. Ahmed, J. Taban and S. Ahmed. A non-pressurised wick stove.

28th September 1973

- 2193/Cal/73. Pfizer Inc.. Process for preparation of dietetic composition.
- 2194/Cal/73. Shell Internationale Research Maatschappij B. V. Process and apparatus for producing gas by partial combustion and carburetting said gas.
- 2195/Cal/73. Cosden Oil & Chemical Company. Co-extrusion of multiple layered sheeting.

287GI/73

- 2196/Cal/73. Herculite Protective Fabrics Corporation. Dispensers for the controlled release of pest-controlling agents and methods for combatting pests therewith.

29th September 1973

- 2197/Cal/73. Chandi Charan Mukherjee. Improvements in or relating to typewriters or like writing machines.
- 2198/Cal/73. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Apparatus for comminuting the slag formed in the gasification of solid fuels.
- 2199/Cal/73. S. B. T. Lin. Plastic bag having tightening band.
- 2200/Cal/73. American Optical Corporation. Dual turret attachment for a microscope and the like.
- 2201/Cal/73. Montecatini Edison S.p.A. Process for preparing s-benzyl-n, n-disec butyl thiolcarbamate. [Divisional date 6th September 1971].
- 2202/Cal/73. Montecatini Edison S.p.A. Process for preparing s-benzyl-n, n-disec butyl thiolcarbamate. [Divisional date 6th September 1971].
- 2203/Cal/73. C.A.V. Limited. Fuel pumping apparatus (4th October 1972).
- 2204/Cal/73. The Monotype Corporation Limited. Photocomposing apparatus. (2nd October 1972).
- 2205/Cal/73. Chemical Services (Proprietary) Limited. Production of detergents.
- 2206/Cal/73. Dorr-Oliver Incorporated. Fluidized bed process.
- 2207/Cal/73. United States Atomic Energy Commission. Compact dynamic multistation photometer utilizing disposable cuvette rotor.

1st October 1973

- 2208/Cal/73. Institutul Central De Cercetari Chimice-Petrochim. Control method for the activity of aluminium chloride catalytic complex used for different friedel-craft reactions.
- 2209/Cal/73. The Firestone Tire & Rubber Company. Pneumatic tire.
- 2210/Cal/73. American Home Products Corporation. Compositions and methods for reducing blood cholesterol. (6th October 1972).
- 2211/Cal/73. Indian Explosives Limited. Apparatus for the transportation and bulk delivery of plant manufactured slurry blasting agents.
- 2212/Cal/73. A. Toshniwal and Miss Asha Toshniwal. Spirometer and balancing mechanism of expirograph.
- 2213/Cal/73. Sandoz Ltd. Improvements in or relating to (organic compounds (5th October 1972).
- 2214/Cal/73. Wavin B. V. Improvements in a pipe part with a widened end (26th June 1973).
- 2215/Cal/73. Egyt Gyogyszervegyeszet Gyar. A process for the preparation of 2, 10-Dichloro-12-methyl-12H meter and balancing mechanism of expirograph. dibenzo [d, g] [1, 3] dioxocine derivatives.
- 2216/Cal/73. Swiss Aluminium Ltd. Processes for the recovery of fluorine from aqueous solutions.
- 2217/Cal/73. Ascu Hickson Ltd. Improvements in or relating to doors, window shutters, table tops and like articles.
- 2218/Cal/73. Nissei Plastics Industrial Co., Ltd. Resin flow controlling device for injection molding machine.
- 2219/Cal/73. E. I. du Pont de Nemours and Company. Process.
- 2220/Cal/73. K. L. Varma. Septic tanks.

APPLICATION FOR PATENTS FILED AT PATENT OFFICE (MADRAS BRANCH)

25th September 1973

- 127/Mas/73. Bharat Motors. Machinery and process for de-fiberizing coconut husks and production of bristle and mattress fibre separately and simultaneously.

27th September 1973

- 128/Mas/73. Hyderabad Asbestos Cement Products Ltd.d. A. spraying device for cleaning felt or sieve.
- 29th September 1973
- 129/Mas/73. P. David. The device of the multiple alignment of zip fasteners.
- 130/Mas/73. India Meters (Hvd). Duplicators titled as duplicator.

1st October 1973

- 131/Mas/73. R. Bhupalau. Relating to improvement in non-return valves.
- 132/Mas/73. P. Kumar. An electromagnetic locking device.
- 133/Mas/73. Dr. V. Kulandaivelu. Multicell oxygen and hydrogen generator and welding equipment.
- 134/Mas/73. C. Hariprasad and M. R. Narayanaswamy. A method of treating ferrous sulphate or magnesium sulphate or aluminium sulphate solutions for obtaining various chemical substances therefrom.
- 135/Mas/73. C. Hariprasad and M. R. Narayanaswamy. A method of treating alkali sulphate solutions for obtaining various chemical substances therefrom.

ALTERATION OF DATE

126849. Ante-dated to 13th July 1967.
- 135465(1672/Oct/73). Ante-dated to 22nd June 1971.

COMPLETE SPECIFICATION ACCEPTED

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Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F. 86113.

HYDROHALOGENATION OF 9, 11-EPOXY STEROIDS.

SCHERICO LTD. OF FALKENGASSE 2, LUCERNE, SWITZERLAND.

Application No. 86113 filed January 22, 1963.

Appropriate office for opposition proceedings (Rules 4, Patents Rules 1972), Patent Office, Calcutta.

8 Claims—No drawings

In a process for the preparation of a 9 α -halo-11 β -hydroxy steroid by reaction of a hydrogen halide with the corresponding 9 β , 11 β -epoxy steroid the improvement which comprises treating a soluble 9 β -11 β -epoxy steroid with an aqueous solution of a hydrogen halide; said hydrogen halide being a member of the group consisting of hydrogen chloride and hydrogen fluoride in respective concentrations of about 38% and about 48% to about 79% calculated on weight to weight basis.

CLASS 32F₂C. 100329

PROCESS FOR THE PREPARATION OF METHIONINE.

STAMICARBON N. V. OF VAN DER MAESENSTRAAT 2, HEERLEN, THE NETHERLANDS

Application No. 100329 filed June 29, 1965.

Appropriate office for opposition proceedings.

(Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

5 Claims.—No drawings

A process for the preparation of methionine by conversion of β -methylmercapto-propionaldehyde with a cyanide and ammonia or an appropriate ammonium salt, into γ -methylmercapto- α -aminobutyronitrile, followed by hydrolysis of aminonitrile so produced, characterized in that the conversion of the β -methylmercapto-propionaldehyde into γ -methylmercapto- α -aminobutyronitrile is carried out in an aqueous reaction medium while ensuring that at all or substantially all times during said conversion the reaction medium is kept saturated with ammonia.

CLASS 55E₁ 107890
IMPROVEMENTS IN OR RELATING TO A PROCESS OF
PREPARING HYPOTENSIVE COMPOSITIONS

SMITH KLINE & FRENCH LABORATORIES, OF 1500
SPRING GARDEN STREET, CITY OF PHILADELPHIS,

COMMONWEALTH OF PENNSYLVANIA, UNITED
STATES OF AMERICA

Application No. 107890 filed November 8, 1966.

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

3 Claims.

A process of preparing a medicinal composition comprising mixing a pteridine diuretic, a thiazide diuretic and a rauwolfia alkaloid having hypotensive activity.

CLASS 32C₁ 112997
IMPROVEMENTS IN THE PREPARATION OF CARBOMYCIN A.

CHAS PHIZER & CO., INC., OF 235 EAST 42nd STREET,
NEW YORK 17, STATE OF NEW YORK, UNITED
STATES OF AMERICA

Application No. 112997 filed October 31, 1967.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972)—Patent Office, Calcutta.

8 Claims.

In the process for the production of carbomycin A by fermentation, the improvement which comprises the addition to the fermentation medium of a soluble, non-growth inhibiting, nonionic (poly) oxyethylene glycol ether surface active agent, in an amount to provide a concentration of about 0.2–4% solution of said surface-active agent in said medium.

CLASS 32F₂b₁ 115693
PROCESS FOR CONVERTING A PENICILLIN SULFOXIDE
ESTER TO A CEPHALOSPORIN ANTIBIOTIC

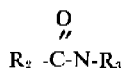
ELI LILLY AND COMPANY, AT 740 SOUTH ALA-
BAMA STREET, CITY OF INDIANAPOLIS, STATE OF
INDIANA, UNITED STATES OF AMERICA.

Application No. 115693 filed May 1, 1968.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

18 Claims—No drawings.

A process for converting a penicillin sulfoxide ester to a cephalosporin antibiotic by heating the penicillin sulfoxide ester under acid conditions for a time sufficient to effect conversion thereof, which comprises heating the penicillin sulfoxide ester dissolved in a tertiary carboxamide or a tertiary urea as a diluent at a temperature of from about 80°C to about 175°C, said tertiary carboxamide or urea being represented by the structural formula



R₂

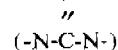
wherein; when taken alone R₁ is hydrogen, alkyl, phenyl, tolyl, xylyl or -N-R₃ and R₂, R₃, R₄ and R₅ are alkyl, phenyl, tolyl or xylyl

R₁

and when taken together R₂ and R₃ or R₁ and R₂ together with the nitrogen atom to which they are bonded form a saturated monocyclic ring having from 4–6 carbon atoms, and having optionally an oxygen ring member in a position gamma to the ring nitrogen and R₁ and R₂ together with the intervening amide grouping



to which they are bonded form a monocyclic ring having from 4–6 carbon atoms with a carbonyl group adjacent to the nitrogen ring member; and R₂ and R₁ together with the intervening urea grouping



to which they are bonded form a 5 to 6 membered heterocyclic ring; with the further limitation that R₁, R₂, R₃, R₄ and R₅ can in no case have a combined total of more than 18 carbon atoms, can have no more than 14 carbon atoms when R₁ is hydrogen, and can have no more than 12 carbon atoms when any two of the substituents R₁–R₅ are taken together with one or more nitrogen atoms to form a nitrogen-containing ring.

CLASS 32F₂b₁ 117755
PROCESS FOR PREPARING 1H-2, 3 BENZOXAZINE.

GRUPPO LEPETIT S.p.A. (FORMERLY KNOWN AS
LEPETIT S.p.A.—GRUPPO PER LA RICERCA SCIENTIFI-
FICA E LA PRODUZIONE CHIMICA FARMACEUTICA)
OF 8, VIA ROBERTO LEPETIT, MILAN, ITALY.

Application No. 117755 filed September 19, 1968.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

6 Claims.

A process for preparing a 1H-2, 3-benzoxazine of the formula shown in Fig. 1 of the accompanying drawings, wherein R is a member of the class consisting of hydrogen and lower alkyl containing from 1 to 8 carbon atoms, R' is a member of the class consisting of hydrogen, lower alkyl containing from 1 to 8 carbon atoms, aryl, the group-NHR'', wherein R'' is selected from hydrogen and lower alkyl containing from 1 to 8 carbon atoms, the group -NR''', wherein R''' is an optionally substituted alkylidene, or R and R' taken together with the nitrogen atom form a heterocyclic ring and X is a halogen atom, which comprises heating at a temperature between 70 and 150°C for 0.5–6 hours a 4-halogen-1H-2, 3-benzoxazine of the formula shown in Fig. 2 of the drawings with an at least equimolecular amount of a compound of the formula shown in Fig. 3 of the drawings, wherein R and X have the above significance and Y has the same significances as R' except for the radical -NR''', and when end compounds, in which R' represents the group -NR''', are desired, contacting the corresponding 2-unsubstituted-4-hydrozino-1H-2, 3-benzoxazines with an at least equimolecular amount of a carbonylic compound.

CLASS 32F₂d₁ 126354
A PROCESS FOR OBTAINING USEFUL STEROIDS
FROM A NEW PLANT SOURCE.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RE-
SEARCH, RAJI MARG, NEW DELHI-1, INDIA

Application No. 126354 filed April 25, 1970.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

8 Claims.

A process for obtaining steroids which consists in extracting *Commiphora* species resin or wood with a suitable non-polar or slightly polar solvent followed by chromatography and crystallization.

CLASS 32F₂b₁ 126849
METHOD OF PREPARING PYRAZOLOPYRIMIDINE
DERIVATIVES.

THE WELLCOME FOUNDATION LIMITED OF 183—
193, EUSTON ROAD, LONDON, N. W. 1, ENGLAND.

Application No. 126849 filed May 28, 1970.

Convention date July 14, 1966 (31690/66). U.K.

Division of application No. 111500 dated July 13, 1967.

Appropriate office for opposition proceedings (Rules 4,
Patents Rules 1972) Patent Office, Calcutta.

8 Claims.

A method of preparing 4-hydroxypyrazolo (3, 4-d) pyrimidine of formula (I) as shown in the accompanying drawings by reacting 3-amino-2-cyanoacrylamide of formula

(VII) with hydrazine of formula (VIII) and reacting the resulting 3-amino-4-carboxamidopyrazole of formula (II) or a salt thereof with formamide.

CLASS 32F₁ and F₂b. 128464
PROCESS FOR THE PREPARATION OF NEW PHTHALAZINE DERIVATIVES

GRUPPO LEPETIT S.p.A., OF MILAN, ITALY.

Application No. 128464 filed September 17, 1970.

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

6 Claims.

A process for preparing a phthalazine derivative of the formula 1 shown in the accompanying drawings, wherein R₁ and R₂ are members of the class consisting of lower alkyl, halo-lower alkyl, aralkyl, aryl or R₁ and R₂, taken together with the adjacent nitrogen atom may also form a heterocyclic ring, containing 1-3 heteroatoms, R₃ is selected from halogen, lower alkyl, and aryl, R₄ represents hydrogen, lower alkyl and aryl, which comprises contacting a phthalazine of the formula shown in Fig. 1 of the drawings, wherein R₁ has the above significance with an about equimolecular amount of an acyl chloride of the formula shown in Fig. 2 of the drawings, wherein R₁, R₂ and R₃ have the above meaning, in an inert organic solvent in the presence of a tertiary amine at a temperature ranging from about 0° to about 35–40°C.

CLASS 172D. 130906
THREE ROLLER, DOUBLE APRON DRAFTING SYSTEM FOR RING SPINNING MACHINES.
INDUSTRIEWERK SCHAEFFLER INA-NADELLAGER OF 8522 HERZOGENAURACH, FEDERAL REPUBLIC OF GERMANY

Application No. 130906 filed April 8, 1971.

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

10 Claims.

Three roller, double apron high drafting system for ring spinning machines, in which the fibre mass passes through a break draft zone with fibre-guiding properties between the feed roller pair and the apron roller pair and a main draft zone with a double apron mechanism and a delivery roller pair characterised in that the bottom feed roller is off set upwardly and out of the plane passing through the axis of the bottom apron roller and the bottom delivery roller and the top apron roller is offset in relation to the bottom apron roller, said top apron roller being closer to the bottom feed roller than the bottom apron roller is to the said bottom feed roller.

CLASS 154-I. 131011
IMPROVEMENTS IN OR RELATING TO PRINTING TYPE SYSTEMS.

(MRS.) ANNAMMA ABRAHAM OF 84, SEETHAMMA EXTENSION, MADRAS-18, INDIA.

Application No. 131011 filed April 17, 1971.

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972), Patent Office, Madras.

4 Claims.

An improved printing type system characterised in that it comprises types having bodies of less than normal height, said bodies being provided with grooves on their sides corresponding to either the lower or the upper ends of the characters appearing thereon; supporting members on which the said bodies are supportable so as to enable the said bodies to be disposed in a frame at the normal height; and plates having projections adapted to engage with the said grooves and remain flush with the said sides of the said bodies so as to hold the said bodies in place on the said supporting members.

CLASS 9F. 131302

A PROCESS FOR PRODUCING A CORROSION RESISTANT FERRITIC IRON-CHROMIUM MOLYBDENUM ALLOY

E. I. DU PONT DE NEMOURS AND COMPANY, OF WILLMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Application No. 131302 filed May 11, 1971.

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

10 Claims.

A process for producing a corrosion resistant ferritic iron-chromium-molybdenum alloy having good postwelding ductility which comprises melting and casting the required metallic and non-metallic components wherein the melting is initiated in a vacuum of the order of 10⁻³ to 10⁻⁵ Torr, and the alloying elements are melted and cast in an atmosphere of argon and wherein, the alloying elements are so chosen as to produce an alloy containing chromium and molybdenum in the weight percentages represented by the areas A₁, A₂, B, C₁, C₂ and D of Fig. 1, the minimum and maximum percentages of Mo and Cr of each area being as indicated by the plot carbon 100 ppm maximum, nitrogen 200 ppm maximum, and carbon plus nitrogen 250 ppm maximum, 0-0.6% aluminum, titanium or niobium, 0-4-0% cobalt, 0-3.0% nickel, 0-2.0% silica, 0-1.5% ruthenium, 0-1.0% manganese, 0-0.3% platinum, 0-0.2% gold, 0-0.1% iridium, rhodium or osmium, the remainder being iron and incidental impurities.

CLASS 24B and 127A. 131427
IMPROVEMENTS IN OR RELATING TO IMPROVED FRICTION ARTICLES.

THE BENDIX CORPORATION, AT BENDIX CENTER, SOUTHFIELD, MICHIGAN 48075, U.S.A.

Application No. 131427 filed May 20, 1971.

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

6 Claims. No drawings.

An improved friction article such as herein described comprising at least a single body composed of semi-metallic friction material, said material containing by volume 10 to 50% of metal, 20 to 40% of graphite and more than 15% of a thermo setting phenolic resin binder, wherein the graphite content is partially or totally taken in the form of synthetic graphite particles all having substantially a size greater than 100 mesh (U.S. Standard Sieve Series).

CLASS 154D and F. 131754
SHEET GRIPPING DEVICE

MILLER PRINTING MACHINERY CO., AT 1101 REEDS-DALL STREET, PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA

Application No. 131754 filed June 16, 1971.

Convention date June 17, 1970. (085780/70) Canada.

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

7 Claims.

A sheet gripping device comprising, a gripper assembly having a gripper member with a gripper finger abutting a gripper pad, a gripper shaft with said gripper member non-rotatably secured thereto so that said gripper member rotates with said gripper shaft, a cam member having a cam surface fixedly positioned at a predetermined location relative to said gripper pad, a cam follower having an end portion abutting said cam surface, said cam follower being nonrotatably secured to said gripper shaft, and means to move said gripper shaft to thereby move said cam follower end portion of said cam surface and thereby move said gripper finger along a path defined by said cam surface.

CLASS 32F₁ and 32F₂b. 131834.

PROCESS FOR PREPARATION OF TETRAZOLO (1, 5a) QUINOLINES.

ELI LILLY AND COMPANY, 307 EAST MCCARTY STREET, INDIANAPOLIS INDIANA, UNITED STATES OF AMERICA.

Application No. 131834 filed June 22, 1971.

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

3 Claims.

A process for preparing novel tetrazolo-(1,5-a) quinine compound of the formula shown in Fig. 11 of the accompanying drawings and the phyto-logically acceptable mineral acid addition salts of those compounds wherein R^{6b} represent $-CH_2Y$ wherein Y is amino or lower-alkylamino; wherein in the above formula each R^{5b} independently represents hydrogen, cyano, or lower alkyl of C_1-C_4 ; each R^{6b} independently represent R^{5b} , R^{5b} , halo, loweralkoxy of C_1-C_4 , or $-CH_2Y^b$ wherein Y^b , cyano, hydroxy, or loweralkoxy or C_1-C_4 ; R^{5b} represents alkenyl of C_2-C_4 subject to the limitation that no more than one R^{6b} substituent represents R^{5b} substituent represents R^{5b} , and that at least five but not more than seven of the R^{5b} and R^{6b} substituents represent hydrogen characterized by reacting a hydrazine compound of the formula shown in Fig. 3 with nitrous acid to obtain the quinine compound of the formula shown in Fig. 11 wherein R^{5b} , and R^{6b} are as defined above and optionally converting the compounds to the desired phyto-logically acceptable mineral acid addition salt by reacting in a suitable solvent obtained compound of formula shown in Fig. 11 as a free base with a desired mineral acid.

CLASS 129 Q and 188. 131872

AN ELECTRODE FOR COATING WEAR-RESISTING METAL ONTO A SURFACE OF A WORKPIECE

INSTITUT ELEKTROSVARKI IMENI E. O. PATONA AKADEMII NAUK UKRAINSKOI SSR, OF KIEV, ULITS A GORKOGO, 69, USSR.

Application No. 131872 filed June 24, 1971.

Appropriate office for opposition proceedings

(Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

5 Claims.

An electrode for surface-coating wear-resisting metal onto a surface of a workpiece, comprising a core mixture containing; chrome, manganese and silicon, taken in the form of ferro-alloys or pure metals, graphite and nickel characterised in that the core mixture includes powdered aluminium magnesium alloy with its alloy constituents taken preferably in equal weight ratios, said core mixture being encased in a coating of low carbon steel constituting the rest of the weight of the electrode.

CLASS 27-O and 101B. 132050.

IMPROVEMENTS IN OR RELATING TO RETAINING WALLS.

DEVELOPMENT CONSULTANTS PRIVATE LIMITED, OF 24-B, PARK STREET, P.O. PARK STREET, CALCUTTA-16, STATE OF WEST BENGAL, INDIA.

Application No. 132050 filed July 9, 1971.

Appropriate office for opposition proceedings.

(Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

9 Claims.

An improved retaining wall unit for retaining soil (as herein—before defined) that needs lateral support, characterised in that the said unit comprises mainly (i) at least two ribs projecting from the surface of the retaining wall unit, the said ribs being integrally pre-cast with the unit; each rib being provided with a semi-circular vertical groove along the length of the said rib, on the outside face to co-operate with the groove of an adjacent rib so that two such semi-circular vertical grooves in adjacent ribs of the two retaining wall units, form a hole for filling the said hole

with any leak-proof material, such as, hot bitumen or non-shrinking grout; (ii) a flange in-between the said two ribs, the said flange being pre-cast; and (iii) one or more diaphragms horizontally provided in-between the ribs, for stiffening the said ribs, the said retaining wall unit being installed and embedded in a footing.

CLASS 68E₁, 69D and 98H. 132105

AN IMPROVED TEMPERATURE CONTROL DEVICE

RUSTOM KAIKHUSHRU BHARUCHA, C/O. DR. P. K. BHARUCHA, 17, BOAT CLUB ROAD, POONA-1, MAHARASHTRA STATE), INDIA.

Application No. 132105 filed July 14, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Bombay branch.

7 Claims

An improved temperature control device for controlling the temperature of a medium comprising a bridge circuit fed with a constant D.C. reference voltage, including a temperature sensing device which is responsive to heat and produces an electrical imbalance in the bridge circuit according to the variation in temperature as a result an error signal is produced in the output of the bridge circuit corresponding to the temperature of the sensing device, an amplifier circuit for amplifying said signal, said amplified signal being fed to trigger circuit operating a relay which controls the apparatus treating the said medium.

CLASS 51D. 132141

DOUBLE EDGE SAFETY RAZOR EMBODYING FLEXIBLE BLADE PRESSURE CONTROL.

PHILIP MORRIS INCORPORATED, AT 100 PARK AVENUE, NEW YORK, NEW YORK-10017, UNITED STATES OF AMERICA.

Application No. 132141 filed July 16, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

7 Claims.

A double edge safety razor comprising; a handle assembly a pair of skin pressure guards fixedly mounted therein in opposed spaced apart relation; a blade support assembly and a blade with opposed cutting edges positioned between said guards; a pivotal mounting for said support and blade on said handle arranged to permit floating movement of said support and blade transversely of said pressure guards; and means for biasing said support and blade into a central position between said guards.

CLASS 130I. 132144

EXTRACTION OF COPPER AND NICKEL FROM MANGANESE NODULES

KENNECOTT COPPER CORPORATION, OF 161 EAST 42ND STREET, CITY AND STATE OF NEW YORK, UNITED STATES OF AMERICA.

Application No. 132144 filed July 16, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

8 Claims.

A process for extracting copper, nickel, cobalt and molybdenum from deep sea manganese nodules containing these metals as well as iron, which metals are present in the nodules as oxides or mixed oxides, and the manganese is present as manganese dioxide, said process comprising leaching the nodules with an aqueous solution of ammonia to solubilize substantially all the copper, nickel, cobalt and molybdenum and leave an insoluble residue of the iron and manganese in the nodules, separating from the residue the leach solution containing the copper, nickel, cobalt and molybdenum and free of iron and manganese in solution, and recovering the copper, nickel, cobalt and molybdenum from the leach solution.

CLASS 77C and 83A₂.

132310

PROCESS FOR INTERESTERIFYING GLYCERIDE OILS.

HINDUSTAN LEVER LIMITED, 165-166 BACKBAY RECLAMATION, BOMBAY-1, MAHARASHTRA, INDIA.

Application No. 132310 filed July 30, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Bombay branch.

12 Claims—No drawings

Process for rearranging fatty acid radicals of a glyceride oil by interesterification, comprising heating the oil to a temperature from 25-150°C in the presence of an alkali metal interesterification catalyst such as hereinbefore described and from 0.5-50% by weight of the oil of an aprotic solvent and maintaining the oil at that temperature until randomisation equilibrium is substantially achieved, cooling the oil if necessary and deactivating and removing the catalyst by means of aqueous washes such as hereinbefore described.

CLASS 148I.

132429

IMPROVED PHOTOGRAPHIC PLATE AND PROCESS FOR PRODUCING THE SAME

ITEK CORPORATION, AT 10 MAGUIRE ROAD, LEXINGTON, MASSACHUSETTS, UNITED STATE OF AMERICA

Application No. 132429 filed August 9, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

34 Claims—No drawings

A process of producing a printing plate which comprises the step of contacting as hereinbefore defined with metal image-forming material the physically developable image of a photographic medium comprising a photosensitive layer on a support therefor, the step of contacting with the image-forming material being prolonged until the image formed is a conductive metal image adherently bonded to the said medium, and forming a printing plate from the so developed medium.

CLASS 25B.

132445

AN AUTOMATIC CUTTING TABLE

COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Application No. 132445 filed August 10, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office,

5 Claims.

An automatic cutting table which comprises a chassis which provides the base for a reel assembly with clay column which reel assembly has three sets of wires fixed at equal phase angle to cut the clay column into bricks in a rotating action and a measuring belt which is moved under the pressure of the clay column and transmits the linear velocity of the clay column to the reel rotating mechanism which reel rotating mechanism rotates the reel assembly through 120°, the frequency of operation of the reel rotating mechanism being controlled by the linear speed of the clay column transmitted by the measuring belt, and a reel reciprocating mechanism which allows the reel assembly to be slid under column pressure towards the measuring belt and to be brought back under power operation towards the starting point of reel assembly when a certain length of clay column has passed over the measuring belt.

CLASS 32F, 32F.b and 55.E.

132467

PROCESS FOR THE PREPARATION OF N-(BICYCLOAMINO-ALKANOYL) ANILINES.

JANSSEN PHARMACEUTICA N. V. AT TURNHOUTSEBAAN 30, BEERSE, BELGIUM.

Application No. 132467 filed August 11, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

14 Claims.

A process for preparing a chemical compound selected from the group consisting of an N-(bicycloamino-alkanoyl)-aniline of the formula (1) of the accompanying drawings, wherein R₁ and R₂ are each a member selected from the group consisting of methyl and chloro; Alk is a member selected from the group consisting of $-\text{CH}-\text{CH}_2-$, $-\text{CH}_2\text{CH}_2-$ and $-\text{CH}_2\text{CH}_2\text{CH}_2-$;

and n is a whole integer from 1 to 3; and the pharmacologically active acid addition salts thereof, characterised by condensing by known methods a reactive ester of a compound of the formula (IA) wherein R, R' and Alk have above give n meanings, with a compound of the formula (III) in a suitable solvent, and if desired preparing pharmacologically active acid addition salts of the product thereof by reaction with an appropriate inorganic acid such as hydrochloric, hydrobromic, hydriodic, sulfuric acid or with an appropriate organic acid such as acetic, propionic, glycolic, lactic, oxalic, malonic, tartaric, citric, sulfamic and ascorbic acid.

CLASS 39H.

132484

PRODUCTION OF ALUMINIUM FLUORIDE.

BAYER AKTIENGESELLSCHAFT, FORMERLY KNOWN AS FARBENFABRIKEN BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Application No. 132484 filed August 12, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

12 Claims.

A process for producing aluminium fluoride which comprises reacting aluminium oxide and gaseous hydrogen fluoride at a temperature of 400 to 700°C in the presence of ammonia in a fluidised bed reaction zone, condensing gaseous product obtained from said reaction zone, removing ammonia from resulting condensate by evaporation, precipitating ammonium fluoride present in said condensate with reactive aluminium oxide, aluminium hydroxide or a mixture thereof to form ammonium cryolite, introducing resulting ammonium cryolite into said reaction zone and recovering resulting aluminium fluoride product.

CLASS 154G.

132702

IMPROVEMENTS IN OR RELATING TO HECTOGRAPHIC CARBON PAPER AND ITS METHOD OF PREPARATION.

LAMSON INDUSTRIES LIMITED, OF LAMSON HOUSE, SOUTHWARK STREET, LONDON, S.E. 1, ENGLAND.

Application No. 132702 filed August 30, 1971.

Convention date November 4, 1970 (52484/70) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

26 Claims—No drawings.

A hectographic carbon paper, for use in carrying out the preparation of multiple copies by a spirit duplicating method, such hectographic carbon paper being clean to handle and use and comprising a base web carrying a transferable coating which includes a substantially colourless leucauramine derivative which is sufficiently soluble in a spirit duplicating liquid, the substantially colourless leucauramine derivative serving, when the method is being carried out, to be thereby converted to a coloured form constituting stable and legible characters.

CLASS 107H.

132734

FUEL INJECTION SYSTEMS.

BRICO ENGINEERING LIMITED, OF HOLBROOK LANE, COVENTRY, WARWICKSHIRE, ENGLAND.

Application No. 132734 filed September 1, 1971.

Convention date September 7, 1970 (42813/70) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

11 Claims.

A fuel injection system for an internal combustion engine comprising at least one electromagnetically operable fuel injection valve, a pulse generator circuit which is arranged to produce electrical pulses for energising the valve so as to open it for a period dependent upon the duration of the pulse by which it is energised and which includes a timing circuit for controlling the duration of the pulses, means for supplying at least one voltage which is functionally dependent upon at least one operating parameter of the engine to the timing circuit to control the pulse duration, trigger means arranged to initiate the pulses at a frequency dependent upon the rotational speed of the engine, and means for producing further pulses for energising the valve, in addition to the pulses initiated by the trigger means, when acceleration of the engine is required, whereby additional fuel is delivered through the valve to enhance acceleration, the further pulse producing means being adapted to produce pulses of substantially fixed frequency.

CLASS 15C.

132767

IMPROVEMENTS IN OR RELATING TO FLANGED HALF BEARINGS

VANDERVEIL PRODUCTS LIMITED, OF NORDEN ROAD, MAIDENHEAD, BERKSHIRE, ENGLAND.

Application No. 132767 filed September 3, 1971.

Convention date September 25, 1970 (45904/70) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

4 Claims.

A half bearing comprising a half liner having flanges at the axial ends thereof, each flange being attached to the bearing half liner by a number of projections which are spaced from around the inner periphery of the flange and which engage in slots formed in the adjacent end of the half liner and there are provided radially outwardly projections on the ends of the half liner for limitation of the axial movement of the flanges with respect to the liner.

CLASS 189.

132879

DENTIFRICE COMPOSITIONS

COLGATE-PALMOLIVE COMPANY, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Application No. 132879 filed September 13, 1971.

Convention date September 21, 1970 (44858/70) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

16 Claims—No drawings.

A visually substantially clear dentifrice comprising a dentally acceptable substantially water-insoluble particulate polishing agent in a gel vehicle having substantially the same refractive index as said polishing agent, said polishing agent being a synthetic, amorphous complex aluminosilicate salt of an alkali metal or alkaline earth metal in which silica is interbonded with alumina and having a refractive index of about 1.44-1.47, up to about 20% by weight of moisture and about 10% by weight of alkali metal oxide or alkaline earth metal oxide and said polishing agent being substantially invisible in said liquid vehicle.

CLASS 156H and 195B+F.

132982

A NEW TYPE OF DELIVERY VALVE FOR AIR OR GAS COMPRESSORS OR VACUUM PUMPS OF THE RECIPROCATING TYPE.

JOSEPH JAYARSTNAM DAVID, ROOM NO. 5, 5TH FLOOR, KASSEM CHEMBERS, 163, P. D'MELLO ROAD, BOMBAY-1, MAHARASHTRA STATE, INDIA.

Application No. 132982 filed September 21, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Bombay branch.

1 Claim.

In an air or gas compressor or vacuum pump of the reciprocating type a disc valve seating directly on the cylinder top flange and over the cylinder bore in such a way that an annular area on the cylinder top flange just around the cylinder bore forms the delivery valve seat, the guide for the valve being formed in the cylinder head.

CLASS 133A.

133024

ELECTRICAL CIRCUIT ARRANGEMENT FOR A DRIVE BY MEANS OF 3-PHASE SQUIRREL CAGE MOTORS.

VEB WERKZEUGMASCHINENKOMBINAT "70KTOBER" BERLIN, OF 39 GEHRINGSTRASSE, BERLIN, GERMAN DEMOCRATIC REPUBLIC.

Application No. 133024 filed September 23, 1971.

Convention date April 7, 1971 (8966/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

5 Claims.

Electrical circuit arrangement for a drive by means of 3-phase squirrel cage motors, consisting of a main motor which operates at a predetermined speed and is connected mechanically with an auxiliary motor which operates the drive at a lower speed, the non-driving motor in each case running idle, the main motor, having a mechanical and/or electrical transmission to the auxiliary motor different from 1, is connected in star-delta connection and after the switching on of the auxiliary motor the latter brakes oversynchronously in star-connection and a contact of an auxiliary motor relay switches off the delta-relay of the main motor only and a contact of this relay switches on a time-delay relay which, when the low speed of the auxiliary motor is reached, switches over to delta connection, after the auxiliary motor has switched off the main motor star relay is switched on again by way of the locking of the main motor main relay and a series connection of contacts of the auxiliary motor control which generate a pulse, when the main motor is switched off a relay is switched on through a contact of the main relay for the oversynchronous braking of the auxiliary motor and the time-delay relay switches on the auxiliary motor relay for plugging until the drive comes to a stop, this being effected through contact multiplication and a series connection with a contact of the main relay, the circuit for the auxiliary motor only becomes effective when the main motor is running in delta connection and the main motor can be switched on by hand from the stationary position only when an auxiliary relay for speed supervision is switched on by a contact of the main motor delta relay and is switched off again by an automatic brake contactor and this auxiliary relay has contacts in the control system for the auxiliary motor and the main motor.

CLASS 154A.

133441

TENSIONING DEVICE FOR PRINTING PLATES.

VEB POLYGRAPH LEIPZIG KOMBINAT FÜR POLYGRAPHISCHE MASCHINEN UND AUSRÜSTUNGEN, OF 59 ZWIFINAUNDORFER STRASSE, LEIPZIG, EAST GERMANY.

Application No. 133441 filed November 1, 1971.

Convention date May 5, 1971 (13137/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

5 Claims

Printing plate tensioning device, especially for rotary web offset printing machines, comprising a tensioning shaft rotatable in a longitudinal groove of the plate cylinder and a

clamping strip inserted into a groove of the shaft, the tensioning shaft mounted in the end walls of the cylinder wherein the tensioning shaft has a flattened edge on the side receiving the clamping strip and the groove of the tensioning shaft has a depression or has a stepped base for receiving the printing plate.

CLASS 129K.

133750

THREAD CUTTING DIE HEAD.

TFLEDYNE, INC., OF 1901 AVENUE OF THE STARS, LOS ANGELES, CALIFORNIA 90067, UNITED STATES OF AMERICA.

Application No. 133750 filed November 25, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

5 Claims

A thread cutting die head comprising a head body assembly, a plurality of chaser holders having trunnions extending into journals in said head body assembly in a direction essentially parallel to the axis of said head, said trunnions mounting said holders for rocking movement about the axis of said trunnions, means for simultaneously rocking each of said holders about the axis of said trunnions to move said chaser holders radially between open and closed positions, a retaining plate mounted for rotation on said head body assembly in a plane normal to the axis of said trunnions and adjacent the inner ends of said trunnions, and cooperating means on said trunnions and said retaining plate operative in a first rotated position of said retaining plate to hold said trunnions against axial displacement while permitting rotation of said trunnions and operative in a second rotated position of said retaining plate to release said trunnions for axial movement without changing the radial positions of said chaser holders, said retaining plate having a portion accessible from the exterior of said die head and constructed to permit manipulation of the retaining plate between said first and second positions without disassembly of the die head.

CLASS 128G and 195C.

133924.

VAS VALVE

INVESTORS IN VENTURES, INC., 140 BROADWAY, NEW YORK, NEW YORK, U.S.A.

Application No. 133924 filed December 13, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

13 Claims

A vas valve comprising an inner movable component and an outer component housing said inner component and having hollow, open-ended tubular extensions extending in opposite directions from said inner component, the latter being movable within said outer component between an open position providing communication between said tubular extensions and a closed position cutting off communication between said tubular extensions, said components being made of materials compatible with a human vas and having a size small enough to situate said tubular extensions within a human vas with a part of said inner component accessible for movement between said open and closed positions, and means carried by said outer component at the exterior thereof for promoting the ingrowth of tissue from the human vas into intimate contact with said outer component for securing the latter in the human vas.

CLASS 32B

134095.

SEPARATION OF α -CEDRENE FROM THE HYDROCARBON FRACTION OF CEDAR WOOD OIL.

L. GIVAUDAN & CIE SOCIETE ANONYME, OF VERNIER-GENEVE, SWITZERLAND.

Application No. 134095 filed December 28, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

5 Claims

A process for the separation of α -cedrene from the hydrocarbon fraction of cedarwood oil which comprises reacting said hydrocarbon fraction with a strong protonating acid having a pK_a value of 4 or less and separating the α -cedrene from the reaction mixture by distillation.

CLASS 145D.

134158.

WEB FORMING AND COMBINING APPARATUS.

TADASHI KOBAYASHI, OF 1560 -2 HIGASHIHARA, TENMA, FUJI-SHI, SHIZUOKA-KEN, JAPAN.

Application No. 134158 filed January 1, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

3 Claims

A paper web forming and combining apparatus consisting of an arrangement of web forming units wherein each of said units dewaterers initially fluid stock in three stages, said apparatus including a first means for dewatering the material and forming it into a textured fiber mat on a horizontal section of an inner wire; a second means for dewatering said fiber mat on a cylinder mold and compressing it into a web between said inner wire and an outer belt lying over it; and a third means for dewatering said web by a stationary water guide means, thereby producing a completely formed web and means for combining said completely formed web with a web or plurality of webs, if any, from a preceding web-forming unit or units.

CLASS 35E.

134712.

IMPROVED REFRACTORY SLEEVE FOR STOPPER ROD.

ORISSA CEMENT LIMITED, OF RAJGANGPUR, DIST.-SUNDARGRAPH, ORISSA, INDIA.

Application No. 134712 filed February 22, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

5 Claims

An improved refractory sleeve for stopper rod assembly comprising a metal rod and a refractory sleeve around the said rod characterised by that the said sleeve is made of fireclay, bauxite, kyanite, diaspor, sillimanite, andalusite, or any mixture thereof having less than 50% Al_2O_3 which forms the inner shell of the sleeve with serrated, roughened or recessed outer surface over which is rammed a refractory lining having higher refractoriness and higher thermal conductivity than the inner shell, wherein the said lining comprises chemically bonded magnesite, magnesite-chrome, chrome-magnesite, magnesium silicate, zircon, zirconium silicate, silicon carbide or high alumina materials as hereinbefore defined or any mixture thereof which will have higher refractoriness and improved resistance to molten metal and slag than the inner lining.

CLASS 32F, and 32F₂b.

135465.

A PROCESS FOR REPARING NOVEL TETRAZOLO-(1, 5-a) QUINOLINE COMPOUNDS.

ELI LILLY AND COMPANY, 307 EAST MCCARTY STREET, INDIANAPOLIS, INDIANA, UNITED STATES OF AMERICA.

Application No. 1672/Cal/73 filed July 17, 1973.

Division of Application No. 131834 filed June 22, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

3 Claims

A process for preparing novel tetrazolo (1, 5-a) quinoline compound of the formula shown in Fig. 1 of the accompanying drawings and the phytochemically-acceptable mineral acid addition salts of those compounds wherein R^7 represents amino or R^6 represents $-CH_2Y$ wherein Y is amino or loweralkylamino; wherein, in the above formula each R^5 independently represents hydrogen, cyano, or loweralkyl or C_1-C_4 ; each R^6 independently represents R^5 , halo, loweralkoxy of C_1-C_4 , or $-CH_2Y$ wherein Y represents amino loweralkylamino of C_1-C_4 , cyano, hydroxy, or loweralkoxy of C_1-C_4 ; R^7 represents R^6 , amino, or acetamido; subject to the limitation at least three but not more than five of the R^5 , R^6 , and R^7 substituents represent hydrogen characterized by (1) catalytically hydrogenating a compound of the formula as shown in Fig. 2 to provide quinoline compound of the formula shown in Fig. 1 wherein: R^5 , R^6 and R^7 are as defined

above; and optionally converting the compounds to the desired phyto-logically-acceptable mineral acid addition salt by reacting in a suitable solvent obtained compound of formula shown in Fig 1 as a free base with a desired mineral acid.

CLASS 33H.

135466.

PROCESS OF CONTINUOUS CASTING OF METAL.

URALSKY ZAVOD TYAZHELOGO MASHINOSTROENIA IMENI S. ORDZHONIKIDZE OF SVERDLOVSK, USSR.

Application No. 552/1972 filed June 15, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

3 Claims

A process of continuous casting of metal, comprising the steps of feeding liquid metal into the space of a hermetically sealed mould from an intermediate container along a sleeve conduit and delivering inert gas to the surface of the liquid metal being formed into an ingot, the gas delivery pressure exceeding that of a liquid metal column above the surface of the metal being formed into the ingot, said gas being then discharged into the intermediate container along the sleeve conduit.

CLASS 127I.

135469

TORQUE CONVERTER COUPLING.

VARIABLE KINETIC DRIVES LIMITED, OF ROSE COTTAGE, PILLORY GREEN, NAPTON, RUGBY, WARWICKSHIRE, ENGLAND.

Application No. 235/1972 filed May 18, 1972.

Convention date May 19, 1971 (15812/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

8 Claims.

A torque converter coupling having an impeller connected to an input shaft, an output turbine connected to an output shaft, a circulatory turbine disposed in the flow path, a first gearing and a second gearing, said first gearing being connected to the circulatory turbine and to the impeller and to the input shaft; said second gearing being connected with the first gearing, the output shaft and a stationary part to enable the second gearing to transmit multiplied torque from said first gearing to the output shaft and to said stationary part for reaction, and said circulatory turbine always to rotate when the impeller rotates and in the same direction but at a speed less than that of the impeller at a lower speed part of the range of speeds of the output shaft and at a speed greater than that of the impeller at a higher speed part of said range.

CLASS 128H.

135471.

PESSARIES

HOWARD BERNARD FORSTER, OF 35 THORNLIFFE DRIVE, TORONTO, ONTARIO, CANADA.

Application No. 656/72 filed June 23, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972)—Patent Office, Calcutta.

12 Claims.

A pessary for insertion into and disposition in the vaginal passage of a human female and which pessary comprises a fluid-impermeable cup including a forwardly facing forward end surface, peripheral sealing means on the cup for snug engagement with the internal wall of such a vaginal passage for the purpose of restricting the movement of spermatozoa therpast, and a projection provided on the forwardly facing forward end surface of the cup integrally therewith and extending forwardly therefrom for disposition in the posterior fornix of the vaginal passage and into general apposition to the cervix uteri so as to prevent angular displacement of the pessary during coitus.

Opposition Proceedings

A notice of opposition has been entered by Vasant Engineering Limited to the grant of a patent on application No. 131531 made by Dunlop Holdings Limited.

Opposition Proceedings

(1)

An opposition has been entered by Eastern Watch to the grant of a patent on application No. 135313, made by Madan Mohan Dey and Madhu Sudan Dey.

(2)

The opposition entered by Orissa Cement Limited to the grant of a patent on application No. 121658 made by Shyam Sunder Ghose as notified in Part III, Section 2 of the Gazette of India dated the 17th April 1971 has been partly allowed and a patent has been ordered to be sealed on the application with amendments in the specification.

Patents Sealed

126469 126599 126932 127669 127730 127785 127977 128080
128137 128138 128220 128221 128304 128325 128474 128535
129030 130169 130175 130241 130513 130779 130940 131297
131350 132187 132193 132318 132344 134398.

Amendment Proceedings under Section 57

(1)

Notice is hereby given that United States Borax & Chemical Corporation, a corporation organized and existing under the laws of the State of Nevada, United States of America, of 3057 Wilshire Boulevard, Los Angeles, California, United States of America have made an application under Section 57 of the Patents Act, 1970 for amendment of their application for patent No. 126007 for "Herbicide compositions containing halo-dinitro-1, 3-phenylenediamines". The amendments are by way of correction and explanation so as to describe and ascertain the invention more correctly and clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Imperial Chemical Industries Limited, manufacturers, of Imperial Chemical House, Millbank, London, S.W.1., England, a British company, have made an application under Section 57 of the Patents Act, 1970 for amendment of the specification of their application for Patent No. 129043 for "Process for the manufacture of thermoplastic polymer foams". The amendments are by way of correction and disclaimer so as to ascertain the invention more correctly and clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day, during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from date of filing the said notice.

(3)

Notice is hereby given that Shell International Research Maatschappij N. V., of 30 Carel van Bylandtlaan, The Hague, The Netherlands, a company organised under the laws of the Netherlands, a Research Company, have made an application under Section 57 of the Patents Act, 1970 for amendment of the application form and specification of their application for Patent No. 129460 for "Process for the preparation of 1-phenylvinyl phosphorous esters, the compounds so prepared

and pesticidal composition thereof". The amendments are by way of correction and disclaimer so as to describe and ascertain the invention more correctly and clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(4)

Notice is hereby given that Stone Webster Engineering Corporation, a corporation organised and existing under the laws of the Commonwealth of Massachusetts, having a place of business at 225 Franklin Street, Boston, State of Massachusetts 02107, U.S.A., have made an application under Section 57 of the Patents Act, 1970 for amendment of application form of their application for patent No. 130233 for "Process and apparatus for removal of acidic gases from hydrocarbon streams". The amendments are by way of correction so as to include the name of "James J. Humphries Jr.", as one of the inventors. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(5)

The amendments proposed by Ciba-Geigy AG., in respect of patent application No. 129728 as advertised in Part III, Section 2 of the Gazette of India dated the 23rd June, 1973 have been allowed.

(6)

The amendments proposed by Otto Alfred Backer in respect of patent application No. 130372 as advertised in Part III, Section 2 of the Gazette of India dated the 23rd June, 1973 have been allowed.

Patents Deemed to be Endorsed with

The Words "Licences of Right"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
112890 (24-10-67)	Process and apparatus for recovering sulphur dioxide from combustion gas.
112894 (24-10-67)	Production of alkyl aromatic compounds.
112899 (24-10-67)	Preparation of hydroxamoyl chlorides.
112921 (25-10-67)	A process for the production of aryloxy acrylic acid derivatives.
112931 (25-10-67)	Method for the production of concentrated nitric acid.
112932 (25-10-67)	Method and apparatus for the conversion of ammonia into oxides of nitrogen.
112946 (27-10-67)	Process for the calcium fortification of crystalline common salt.
112948 (27-10-67)	A thermosetting resin composition and process for preparing the same.
112950 (27-10-67)	Process for purifying ketene.
112955 (28-10-67)	Method of preparing dehydrated meat product.

No	Title of the invention
112961 (7-11-66)	Process for preparing N-alkyl diquaternary salts of 4, 4'-bipyridyls.
112967 (30-10-67)	2-Benzimidazole carbamic acid esters and process for making the same.
112976 (30-10-67)	A process for copolymerizing ethylene and vinyl acetate.
112991 (31-10-67)	A method of preparing solid additives for polymers.
112992 (31-10-67)	Process for preparing tribasic lead sulfate and a composition containing the same.
113012 (2-11-67)	Process for the preparation of predominantly random rubber-like copolymers of butadiene-1, 3 or isoprene with styrene, compositions containing such copolymers and shaped articles prepared therefrom.
113026 (3-11-67)	Production of reactive dyestuffs, process of dyeing or printing materials therewith and materials so dyed or printed.
113027 (3-11-67)	Process for the production of halopyrimidines.
113028 (3-11-67)	Phosphoric acid production.
113063 (7-11-67)	Method for producing waxes.
113066 (7-11-67)	Production of difficultly water soluble dyestuffs, process of dyeing hydrophobic organic fibres therewith and hydrophobic organic fibres so dyed.
113069 (7-11-67)	Manufacture of liquefied gas.
113086 (8-11-67)	Oxidation of soluble sulfide compounds.
113098 (11-11-66)	A process for thermally converting hydrocarbonate olefins.
113099 (11-11-66)	A process and apparatus for the continuous heating of fluids and heated fluids produced therefrom.

RENEWAL FEES PAID

65492	65521	65536	65603	65604	65638	69181	69277	69333
69393	69445	69456	69495	69940	72988	73540	73633	73720
73760	74281	74903	75876	78691	78946	79074	79080	83352
83424	84422	84430	84454	84455	84466	84612	84628	84644
84675	84726	84733	84734	84742	84747	84784	84785	85599
90106	90107	90108	90199	90230	90283	90307	90325	90390
90448	90450	90455	90571	90625	92029	93317	93318	94053
94919	95390	95871	95904	95962	95963	95967	95973	95983
96025	96057	96128	96131	96175	96196	96220	96222	96249
96250	96292	96620	100159	100879	101512	101850	101890	101906
102058	102107	102108	102171	102174	102175	102249	102293	102511
102629	103179	103272	103466	106880	107038	107335	107352	107373
107406	107433	107453	107473	107532	107534	107541	107544	107562
107576	107617	107619	107634	107661	107700	107716	107734	107762
107763	108096	108220	108351	108376	108466	108467	108889	109338
109620	110217	112278	112454	112455	112456	112551	112565	112688
112689	112690	112721	112731	112774	112775	112783	112790	112822
112842	112843	112853	112856	112857	112858	112869	112872	112874
112968	112982	113006	113068	113619	113620	116035	117553	117638
117856	117857	117858	117859	117870	117885	117887	117889	117909
117910	117911	117912	117913	117916	117957	117969	117989	117996
118023	118084	118085	118086	118087	118088	118092	118102	118106
118148	118170	118196	118234	118265	118331	118332	118358	118367
118431	119231	119232	119237	119788	122928	123049	123058	123137
123166	123382	123488	123543	123545	123548	123593	123602	123613
123623	123630	123663	123672	123677	123683	123685	123708	123729
123745	123750	123786	123799	123822	123827	123966	124218	124187
124199	124214	124218	124275	124589	125641	126951	128043	128779
128494	128796	128946	128947	128959	129068	129192	129677	129980
131202	132148							

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of

registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 140759. Sm. Manju Mitra, 91/2, Dr. Girindra Sekhar Bose, Road, Calcutta-700039, West Bengal, Indian, "Type-faces", March 16, 1973.

Class 3. Nos. 140862 to 140867. Ashok Kumar Gupta, Ram Kumar Gupta and Smt. Sita Devi, all Indian Nationals, D-34 Rajouri Garden, New Delhi-27, India, "Toys", April 19, 1973.

Class 3. Nos. 140947 and 140948. Bata India Limited, a limited company incorporated under the Indian Companies Act and having its registered office at 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "A sole for footwear", May 9, 1973.

Class 3. No. 140909. Mrs. Kunjbala Chinubhai Gandhi, Indian national, 16 Shreyas, 180 Backbay Reclamation, Nariman Point, Bombay 400-020, State of Maharashtra, India, "A cervical collar", May 3, 1973.

Class 3. No. 140955. Da-arathi Banerjee, Escon Consultants Private Ltd., 7A Elgin Road, Calcutta-20, West Bengal, India, Indian Nationality, "A railway buffer spring", May 11, 1973.

Class 3. No. 140972. Samir Chinubhai Gandhi, Indian National, 180 Backbay Reclamation, 16 Shreyas, Nariman Point, Opposite Air-India Terminal Building, Bombay 400-020, State of Maharashtra, India, "Orthopedic arm board", May 18, 1973.

Class 3. No. 140974. Dunlop India Limited, Dunlop House, 57B Mirza Ghalib Street, Calcutta 16, West Bengal, India, An Indian Company, "A tire for a vehicle wheel", May 18, 1973.

Class 3. No. 140981. Balsar & Co., Pvt., Ltd., A private limited company incorporated in India under the

Indian Companies Act and having its Registered Office at 43, Medews Street, Fort, Bombay-1, State of Maharashtra, India, "A bottle", May 18, 1973.

Class 3. No. 140983. Samir Chinubhai Gandhi, Indian national, 16 Shreyas, Nariman Point, Opposite Air-India Terminal Building, Backbay Reclamation Bombay 400-020, State of Maharashtra, India "An orthopedic abdominal belt" May 18, 1973.

Class 3. No. 140999. Adgifts India (an Indian Partnership Firm), 3/23, Kamal Mansion, Arthur Bunder Road, Colaba, Bombay-5, (Maharashtra), "A table mat", June 1, 1973.

Class 3. No. 141020. Ajanta Advertisers, an Indian proprietary Firm, 222, Unique Industrial Estate, Bombay Dyeing Compound, Veer Savarkar Marg, Near Kismet Cinema, Prabhadevi, Bombay-25, Maharashtra State, "Ash-tray", June 14, 1973.

Class 3. No. 141029. The Anglo-French Drug Co. (Eastern) Ltd., 28, Tardeo Road, Bombay 400034, Maharashtra State, India, "Spout", June 18, 1973.

Class 3. No. 141037. Dunlop Limited, a British Company, of Dunlop House, Ryder Street, St. James's, London S. W. 1, England. "A tyre for a vehicle wheel" January 19, 1973. (U.K.).

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Design No. 134529—Class—1.

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Design No. 120490—Class—3.

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